

Task-4

```
img_fldr = './Task04_Hippocampus/imagesTr/'
label_fldr = './Task04_Hippocampus/labelsTr/'

fileName = 'hippocampus_001.nii.gz'

import os
scanPath = os.path.join(img_fldr,fileName)
labelPath = os.path.join(label_fldr,fileName)

sliceNo = 10

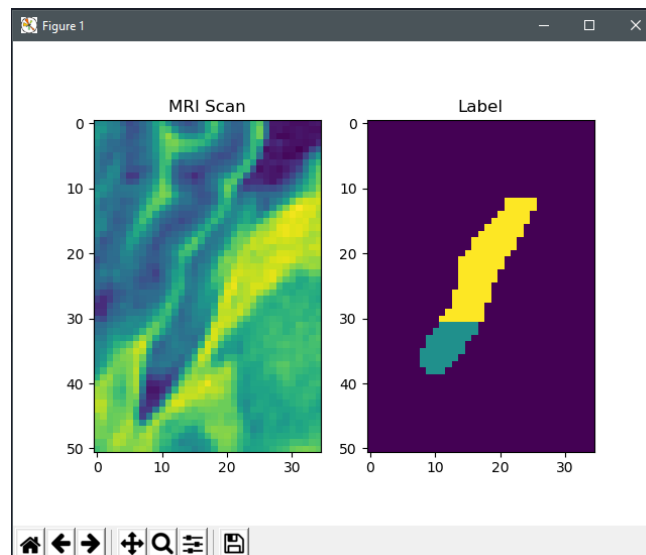
import nibabel as nib
```

* remember to delete all files that start with a (.) dot in those folders.

Let the following code is given, which defines the folders where the MRI scans and the corresponding labels are. Your task is to modify the **img_fldr** and **label_fldr** according to the paths in your project folder.

Then use the paths **scanPath** and **labelPath** to read the **nii** files and get the slice number **10** along **x axis** for both the MRI scan and the corresponding label.

Finally use matplotlibs **subplot** command to print the image and label side-by-side like this:



Reference to learn subplotting: <https://www.youtube.com/watch?v=Ql8QPcp8818&t=227s>

* Hint: use **imshow** instead of **plot**.

After you are done, change the variables **sliceNo** and **filename** to explore and understand other scans.